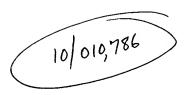
L	Hits	Search Text	DB	Time stamp
Number				
1	1	("6246826").PN.	USPAT;	2002/12/13
			US-PGPUB;	09:06
			EPO; JPO	
4	46	(US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/13
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	14:12
		US-6275643-\$ or US-6275320-\$ or	JPO	
		US-6246826-\$ or US-6222656-\$ or		
1		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5963291-\$ or		
1		US-5943454-\$ or US-5745634-\$ or		
		US-5136681-\$ or US-4989938-\$ or		
ĺ		US-4904044-\$ or US-6445838-\$ or		
		US-6360036-\$ or US-6148124-\$ or		
	ļ	US-6108466-\$ or US-6075239-\$ or		
		US-5923798-\$ or US-6410361-\$ or		
		US-6051866-\$ or US-4744863-\$).did. or	}	
		(US-6472244-\$ or US-6232140-\$ or		
		US-5656512-\$ or US-6465355-\$).did. or		
ĺ		(US-20020181928-\$ or US-20020141726-\$ or		
		US-20020136523-\$ or US-20020131757-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
i		US-20020172452-\$ or US-20020098611-\$ or		
	İ	US-20020014673-\$ or US-20010044165-\$ or		
		US-20020011759-\$ or US-20020160611-\$ or		
		US-20020005976-\$).did. or		
		(JP-04116604-\$).did.		



5	3	((US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/13
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	13:11
		US-6275643-\$ or US-6275320-\$ or	EPO; JPO	,
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5963291-\$ or		
		US-5943454-\$ or US-5745634-\$ or		
		US-5136681-\$ or US-4989938-\$ or		
		US-4904044-\$ or US-6445838-\$ or		
		US-6360036-\$ or US-6148124-\$ or		
		US-6108466-\$ or US-6075239-\$ or		
		US-5923798-\$ or US-6410361-\$ or		
		US-6051866-\$ or US-4744863-\$).did. or		
		(US-6472244-\$ or US-6232140-\$ or		
		US-5656512-\$ or US-6465355-\$).did. or		
		(US-20020181928-\$ or US-20020141726-\$ or		
		US-20020136523-\$ or US-20020131757-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20020014673-\$ or US-20010044165-\$ or		
		US-20020011759-\$ or US-20020160611-\$ or		
		US-20020005976-\$).did. or		
		(JP-04116604-\$).did.) and torsional and		
		hinge		
6	1	("6173105").PN.	USPAT;	2002/12/13
			US-PGPUB;	12:28
			EPO; JPO	
7	1	("6075239").PN.	USPAT;	2002/12/13
			US-PGPUB;	12:50
			EPO: JPO	

8	6	((US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/13
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	12:50
		US-6275643-\$ or US-6275320-\$ or	EPO; JPO	•
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5963291-\$ or		
		US-5943454-\$ or US-5745634-\$ or		
	İ	US-5136681-\$ or US-4989938-\$ or		
		US-4904044-\$ or US-6445838-\$ or		
		US-6360036-\$ or US-6148124-\$ or		
		US-6108466-\$ or US-6075239-\$ or		
		US-5923798-\$ or US-6410361-\$ or		
		US-6051866-\$ or US-4744863-\$).did. or		
		(US-6472244-\$ or US-6232140-\$ or		
		US-5656512-\$ or US-6465355-\$).did. or		
		(US-20020181928-\$ or US-20020141726-\$ or		
		US-20020136523-\$ or US-20020131757-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20020014673-\$ or US-20010044165-\$ or		
		US-20020011759-\$ or US-20020160611-\$ or		
		US-20020005976-\$).did. or		
		(JP-04116604-\$).did.) and protru\$		
11	12	((US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/13
	]	US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	13:13
	į l	US-6275643-\$ or US-6275320-\$ or	EPO; JPO	
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
	f	US-6163643-\$ or US-5963291-\$ or		
		US-5943454-\$ or US-5745634-\$ or		
		US-5136681-\$ or US-4989938-\$ or		
		US-4904044-\$ or US-6445838-\$ or		
		US-6360036-\$ or US-6148124-\$ or		
		US-6108466-\$ or US-6075239-\$ or		
		US-5923798-\$ or US-6410361-\$ or		
		US-6051866-\$ or US-4744863-\$).did. or		
		(US-6472244-\$ or US-6232140-\$ or		
		US-5656512-\$ or US-6465355-\$).did. or		
		(US-20020181928-\$ or US-20020141726-\$ or		
		US-20020136523-\$ or US-20020131757-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20020014673-\$ or US-20010044165-\$ or		
		US-20020011759-\$ or US-20020160611-\$ or		
		US-20020005976-\$).did. or		
		(JP-04116604-\$).did.) and (teeth or comb)		
12	1	("6246826").PN.	USPAT;	2002/12/13
			US-PGPUB;	14:12
			EPO; JPO	

•	458	(385/140).ccls.	USPAT;	2002/12/05
		(======================================	US-PGPUB;	12:29
			EPO; JPO	
_	318	(385/140).ccls. and ((vary or variable) or	USPAT;	2002/12/05
		control)	US-PGPUB;	13:39
		,	EPO; JPO	10.00
-	104	(385/\$).ccls. and (optic\$ near5 attenuator)	USPAT;	2002/12/05
		and ((variable or vary) or control) and (blade	US-PGPUB;	13:43
		or gap) and substrate	EPO; JPO	10.40
_	102	(385/\$).ccls. and (optic\$ near5 attenuator)	USPAT;	2002/12/05
		and ((variable or vary) or control) and (blade	US-PGPUB;	13:54
		or gap) and substrate and fiber	EPO; JPO	10.04
_	194	(385/\$).ccls. and (optic\$ near5 attenuator)	USPAT;	2002/12/05
		and ((variable or vary) or control) and	US-PGPUB;	14:12
		substrate and fiber not (385/140).ccls.	EPO; JPO	14:12
l <u>-</u>	6	(optic\$ near5 attenuator) and ((variable or	DERWENT	2002/12/05
		vary) or control) and substrate and fiber	DERVERI	14:13
_	900	438/50-53.ccls.	USPAT;	2002/12/11
	300	700/30-03/60/31	US-PGPUB;	15:48
			EPO; JPO	15:46
1_	421	438/50-53.ccls. and etch\$ and thin\$ and	· · · · · · · · · · · · · · · · · · ·	2002/42/44
	<del></del> -	(pattern or lithography or mask)	USPAT;	2002/12/11
		(pattern of inthography of mask)	US-PGPUB;	15:49
l _	174	438/50-53.ccls. and etch\$ and thin\$ and	EPO; JPO	2000/40/44
-	'/	· ·	USPAT;	2002/12/11
		(pattern or lithography or mask) and dielectric	US-PGPUB;	15:50
_	72	438/50-53.ccls. and etch\$ and thin\$ and	EPO; JPO	0000140144
-	12		USPAT;	2002/12/11
İ		(pattern or lithography or mask) and	US-PGPUB;	15:53
		dielectric and (MEMS or waveguide or optic\$)	EPO; JPO	
_	42	438/50-53.ccls. and etch\$ and thin\$ and		
_	42	•	USPAT;	2002/12/11
		(pattern or lithography or mask) and	US-PGPUB;	15:56
		dielectric and (MEMS or waveguide or	EPO; JPO	
		optic\$) and ((plurality or multiple or second)		
_	17	near5 substrate)	Hens	0000145146
_	17	438/50-53.ccls. and etch\$ and (thinned or	USPAT;	2002/12/11
		thinning or thinner) and (pattern or	US-PGPUB;	16:11
		lithography or mask) and dielectric and	EPO; JPO	
		(MEMS or waveguide or optic\$) and		
		((plurality or multiple or second) near5		
_	, , ,	substrate)		
-	0	438/50-53.ccls. and etch\$ and (thinned or	USPAT;	2002/12/11
		thinning or thinner) and (pattern or	US-PGPUB;	16:12
		lithography or mask) and dielectric and	EPO; JPO	
		(comb near5 acuator) and ((plurality or		
	44	multiple or second) near5 substrate)		
•	11	438/50-53.ccls. and etch\$ and (thinned or	USPAT;	2002/12/11
	[	thinning or thinner) and (pattern or	US-PGPUB;	16:14
		lithography or mask) and dielectric and	EPO; JPO	
		MEMS and ((plurality or multiple or second)	i	
		near5 substrate)		

	40	400/70 70 1 1//11 1 //11	T	1
-	18	•	USPAT;	2002/12/11
		thinner) and (pattern or lithography or	US-PGPUB;	16:29
		mask) and (dielectric near5 etch\$) and	EPO; JPO	
		((plurality or multiple or second) near5		
		substrate)		
-	1	("6410361").PN.	USPAT;	2002/12/11
ľ			US-PGPUB;	16:37
	_	//	EPO; JPO	
-	1	((comb near5 actuator)) and (etch\$ near	USPAT;	2002/12/11
		dielectric) and (thinning or thinned or	US-PGPUB;	16:40
		thinner) and photoresist and ((multiple or	EPO; JPO	
		plurality or second) near5 substrate)		
-	1	((MEMS or (micro near5 mechanical near5	USPAT;	2002/12/11
		electrical)) near5 actuator) and (etch\$ near	US-PGPUB;	16:43
		dielectric) and (thinning or thinned or	EPO; JPO	
		thinner) and photoresist and ((multiple or		
		plurality or second) near5 substrate)		
-	2	(**************************************	USPAT;	2002/12/11
		electrical)) and (etch\$ near dielectric) and	US-PGPUB;	16:44
		(thinning or thinned or thinner) and	EPO; JPO	
		photoresist and ((multiple or plurality or		
		second) near5 substrate)		
-	1	((MEMS or comb or (micro near5	USPAT;	2002/12/11
		mechanical near5 electrical)) near5	US-PGPUB;	16:45
		actuator) and (etch\$ near dielectric) and	EPO; JPO	
		(thinning or thinned or thinner) and		
		photoresist		
-	6	(MEMS or comb or (micro near5 mechanical	USPAT;	2002/12/11
		near5 electrical)) and (etch\$ near	US-PGPUB;	16:46
		dielectric) and (thinning or thinned or	EPO; JPO	
	226	thinner) and photoresist		
•	220	((multiple or plurality or second) near5	USPAT;	2002/12/11
		substrate) and (etch\$ near dielectric) and	US-PGPUB;	17:35
		(thinning or thinned or thinner) and	EPO; JPO	
	0	photoresist 459/\$.ccls.		
-		455/\$.CCIS.	USPAT;	2002/12/11
	İ		US-PGPUB;	17:36
_	480	(438/459).ccls.	EPO; JPO	0000/40/44
_	400	(436/439).ccis.	USPAT;	2002/12/11
			US-PGPUB;	17:36
_	418	(438/459).ccls. and etch\$	EPO; JPO	2002/42/44
	7.0	(1700/737/16613, and etch3	USPAT;	2002/12/11
			US-PGPUB;	17:36
_	191	(438/459).ccls. and etch\$ and dielectric	EPO; JPO USPAT;	2002/12/11
	131	(430/433).ccis. and etcha and dielectric	] -	
			US-PGPUB; EPO; JPO	17:46
_	232	(438/50-53).ccls. and etch\$ and dielectric	USPAT;	2002/42/44
	202	(1700/00-00/100/03 and etch and dielectric	USPAT; US-P PUB;	2002/12/11 18:34
			EPO; JPO	10:34
_	1	("6075239").PN.	1	2002/42/44
	•	( 00/0E00 )II III	USPAT; US-PGPUB;	2002/12/11
			· · ·	18:38
			EPO; JPO	6.60

•	1	("6173105").PN.	USPAT; US-PGPUB;	2002/12/11 18:38
			EPO; JPO	,
-	43	(US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/11
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	19:33
		US-6275643-\$ or US-6275320-\$ or	JPO	
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or		
		US-6445838-\$ or US-6360036-\$ or		
		US-6148124-\$ or US-6108466-\$ or		
		US-6075239-\$ or US-5923798-\$ or		
		US-6051866-\$ or US-4744863-\$ or		
		US-6410361-\$ or US-6472244-\$).did. or		
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		
		US-20020131757-\$ or US-20020141726-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or	4.	
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
		US-20020160611-\$).did. or		
		(JP-04116604-\$).did.		
-	O	("L25 and feedback").PN.	USPAT;	2002/12/11
			US-PGPUB;	19:32
			EPO; JPO	
-	0	("25 and feedback").PN.	USPAT;	2002/12/11
		•	US-PGPUB;	19:32
			EPO; JPO	

		(III 040000 A III 044000 A	1105	0000140144
-	42	(US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/11
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	19:32
		US-6275643-\$ or US-6275320-\$ or	JPO	
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or		
		US-6445838-\$ or US-6360036-\$ or		
		US-6148124-\$ or US-6108466-\$ or		
		US-6075239-\$ or US-5923798-\$ or		
		US-6051866-\$ or US-4744863-\$ or		
		US-6410361-\$ or US-6472244-\$).did. or		
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		
		US-20020131757-\$ or US-20020141726-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or	İ	
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
		US-2002011733-\$ 01 US-20020160611-\$).did. or		
		(JP-04116604-\$).did. and feedback		
	36		HCDAT.	2002/12/11
-	30	((US-6480662-\$ or US-6442324-\$ or	USPAT;	
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	19:38
		US-6275643-\$ or US-6275320-\$ or	JPO	
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or		
		US-6445838-\$ or US-6360036-\$ or		
		US-6148124-\$ or US-6108466-\$ or		
		US-6075239-\$ or US-5923798-\$ or		
		US-6051866-\$ or US-4744863-\$ or		
		US-6410361-\$ or US-6472244-\$).did. or		
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		
		US-20020131757-\$ or US-20020141726-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
		US-20020160611-\$).did. or		
	1	•	i	
		(JP-04116604-\$).did.) and (control or split\$		
		(JP-04116604-\$).did.) and (control or split\$ or monitor or couple)		

	20	// C 400000 0 110 0440004 0	T	T
-	38	"	USPAT;	2002/12/11
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	19:38
		US-6275643-\$ or US-6275320-\$ or	JPO	,
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or		
		US-6445838-\$ or US-6360036-\$ or		
		US-6148124-\$ or US-6108466-\$ or		
		US-6075239-\$ or US-5923798-\$ or		
		US-6051866-\$ or US-4744863-\$ or		
		US-6410361-\$ or US-6472244-\$).did. or		
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		
		US-20020131757-\$ or US-20020141726-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
		US-20020160611-\$).did. or		
		(JP-04116604-\$).did.) and (control or split\$		
	ļ	or monitor or couple\$)		
1	33	((US-6480662-\$ or US-6442324-\$ or	USPAT:	2002/12/11
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	19:45
		US-6275643-\$ or US-6275320-\$ or	JPO	19.43
		US-6246826-\$ or US-6222656-\$ or	0.0	
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or		
		US-6445838-\$ or US-6360036-\$ or		
		US-6148124-\$ or US-6108466-\$ or	ĺ	
		US-6075239-\$ or US-5923798-\$ or		
	]	US-6051866-\$ or US-4744863-\$ or		
	İ			
		US-6410361-\$ or US-6472244-\$).did. or		
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		
		US-20020131757-\$ or US-20020141726-\$ or		
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
		US-20020172452-\$ or US-20020098611-\$ or		
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
		US-20020160611-\$).did. or		
	ĺ	(JP-04116604-\$).did.) and (control or split\$		
		or monitor\$)		
	144	385/\$.ccls. and (variable near5 attenuator)	USPAT;	2002/12/11
		and feedback	US-PGPUB;	19:46
			JPO	

-	143	385/\$.ccls. and (variable near5 attenuator)	USPAT;	2002/12/11
		and feedback and (coupl\$ or split\$)	US-PGPUB;	19:47
			JPO	•
-	1	((US-6480662-\$ or US-6442324-\$ or	USPAT;	2002/12/11
		US-6404969-\$ or US-6292616-\$ or	US-PGPUB;	20:57
	1	US-6275643-\$ or US-6275320-\$ or	EPO; JPO	
		US-6246826-\$ or US-6222656-\$ or		
		US-6185358-\$ or US-6173105-\$ or		
		US-6163643-\$ or US-5943454-\$ or		
		US-5745634-\$ or US-5136681-\$ or		
		US-4904044-\$ or US-4989938-\$ or	)	
		US-6445838-\$ or US-6360036-\$ or	Ý	
		US-6148124-\$ or US-6108466-\$ or	ļ	
		US-6075239-\$ or US-5923798-\$ or		
	1	US-6051866-\$ or US-4744863-\$ or	}	
	<b>\</b>	US-6410361-\$ or US-6472244-\$).did. or	ļ	
		(US-6232140-\$ or US-5656512-\$ or		
		US-6465355-\$).did. or (US-20020181928-\$ or		}
	}	US-20020131757-\$ or US-20020141726-\$ or	3	4
		US-20020110347-\$ or US-20020061179-\$ or		
		US-20010033731-\$ or US-20010021302-\$ or		
	İ	US-20020172452-\$ or US-20020098611-\$ or		
		US-20010044165-\$ or US-20020014673-\$ or		
		US-20020011759-\$ or		
	j	US-20020160611-\$).did. or		
		(JP-04116604-\$).did.) and serpentine		
	29	serpentine near4 hinge	USPAT;	2002/12/11
			US-PGPUB;	21:19
			EPO; JPO	
	1	("5923798").PN.	USPAT;	2002/12/11
			US-PGPUB;	21:20
			EPO; JPO	
•	1	("6108466").PN.	USPAT;	2002/12/11
			US-PGPUB;	21:20
	}		EPO; JPO	
	1	("6075239").PN.	USPAT;	2002/12/11
		•	US-PGPUB;	21:20
			EPO; JPO	